

Satyam Kumar Bhuyan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8540481/publications.pdf>

Version: 2024-02-01

13
papers

199
citations

1163117
8
h-index

1281871
11
g-index

13
all docs

13
docs citations

13
times ranked

261
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Physical Properties of Potential Biolubricants based on Ricinoleic Acid. JAOCS, Journal of the American Oil Chemists' Society, 2010, 87, 937-945.	1.9	45
2	A study of the physical and tribological properties of biobased polymer-clay nanocomposites at different clay concentrations. Wear, 2010, 268, 797-802.	3.1	33
3	Boundary lubrication properties of lipid-based compounds evaluated using microtribological methods. Tribology Letters, 2006, 22, 167-172.	2.6	27
4	Effect of crosslinking on the friction and wear behavior of soybean oil-based polymeric materials. Wear, 2007, 263, 965-973.	3.1	22
5	Effect of filler composition and crosslinker concentration on the tribological behavior of spent germ particle-based polymeric composites. Tribology International, 2010, 43, 171-177.	5.9	17
6	Crack propagation at the interface between soft adhesives and model surfaces studied with a sticky wedge test. Soft Matter, 2013, 9, 6515.	2.7	16
7	Effect of crosslinking on tribological behavior of tung oil-based polymers. Tribology International, 2010, 43, 831-837.	5.9	13
8	Phase stability of silicon during indentation at elevated temperature: evidence for a direct transformation from metallic Si-II to diamond cubic Si-I. MRS Communications, 2012, 2, 9-12.	1.8	10
9	Rubbers Based on Conjugated Soybean Oil: Synthesis and Characterization. Macromolecular Materials and Engineering, 2011, 296, 444-454.	3.6	6
10	Influence of crosslinking density on the tribological behavior of norbornene-based polymeric materials. Wear, 2011, 270, 550-554.	3.1	6
11	Micro- and nano-tribological behavior of soybean oil-based polymers of different crosslinking densities. Tribology International, 2010, 43, 2231-2239.	5.9	4
12	Designing Thermally Actuated Bimorph as Energy Harvester. Energy Harvesting and Systems, 2019, 6, 29-38.	2.7	0
13	Micro- and Nano-Tribological Behaviour of Soybean Oil-Based Polymers of Different Crosslinking Densities. , 2007, , .		0